

Proteins involved in cell division

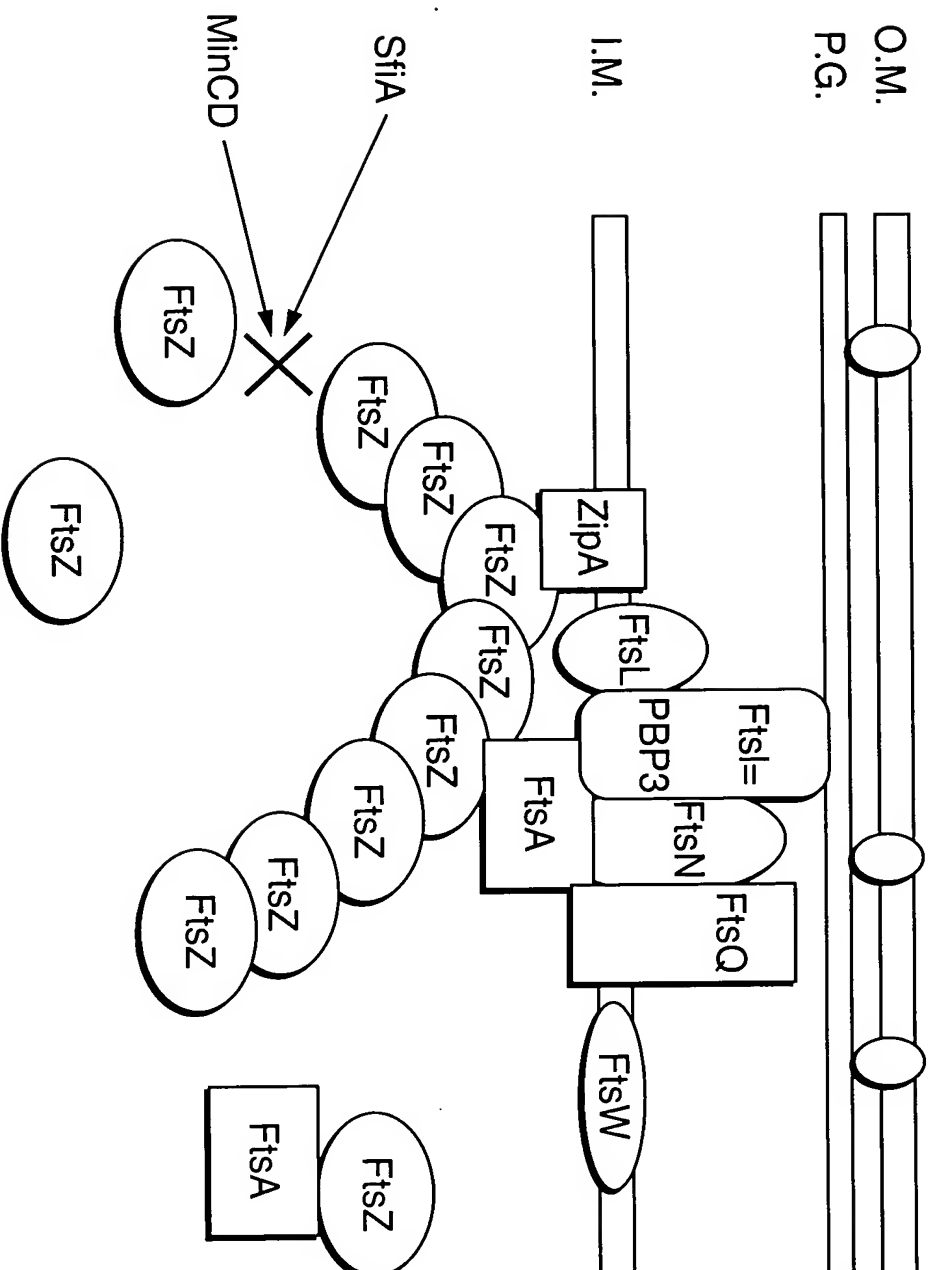


FIG. 1

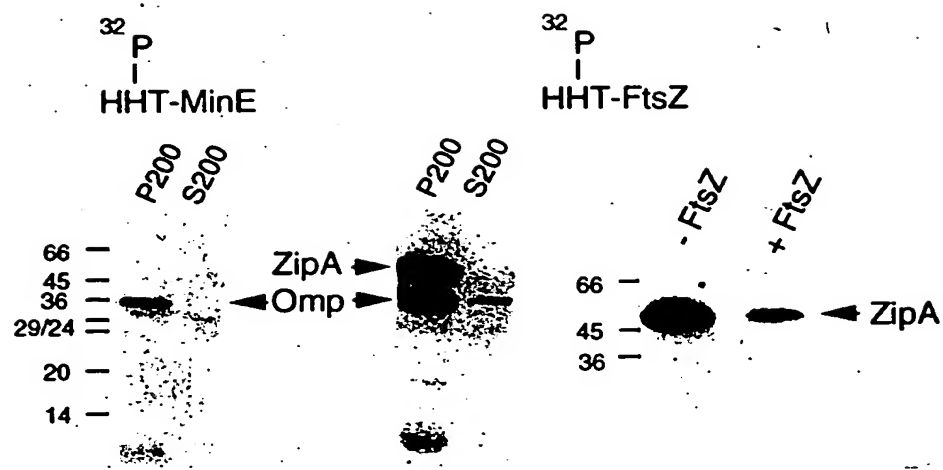
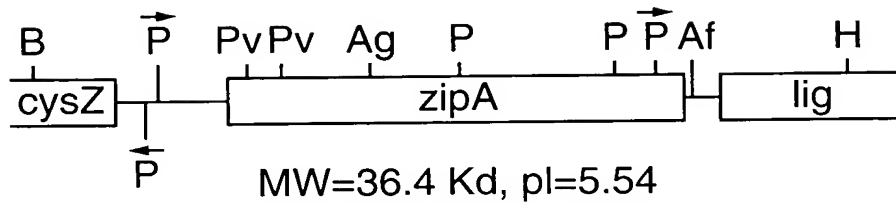


FIG. 2

ZipA protein



12.5% Proline

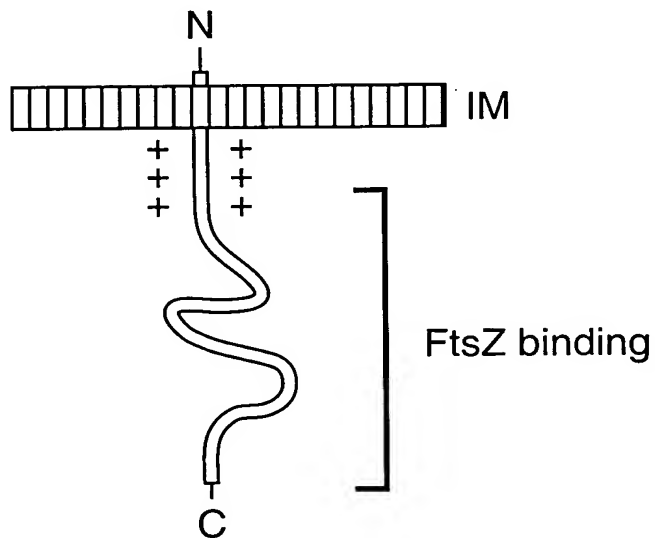
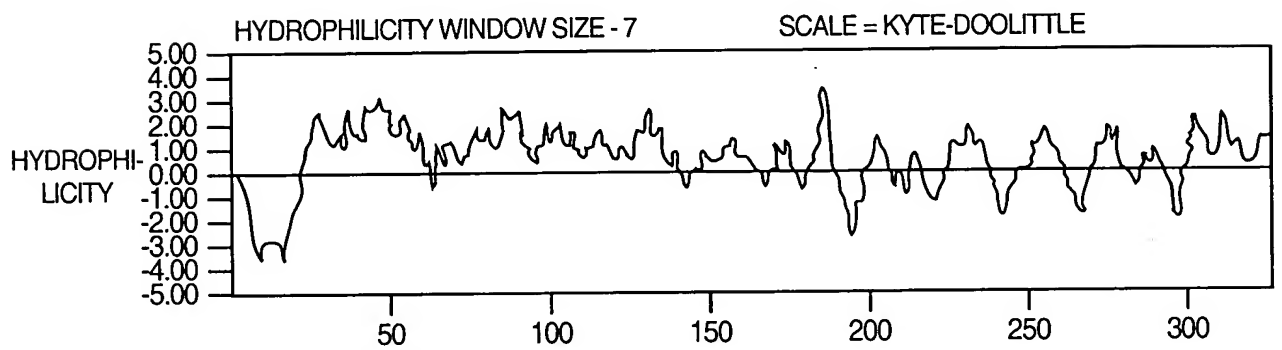
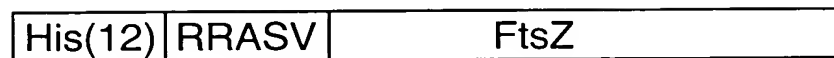


FIG. 3

1 CAATACCAAGCATGAAGTAAGAATTAGTAATACAAATTGCGCGCGGAGATACCAAGCAAAATTTTGGCAATTGCGGTTGATGATTCGGGACATCTTTCATGATACCGAAATCCGG
121 TATCTGGCGGTGACCGCCAGTCATCGTCTTCCAGTTGTTCCAGCCATAAACCGTTAAACGAGCGGCAATCCAGTTAGCAATCGTGAGAAATAATAGCCAAACATAACAGCAGC
241 AGATGACACCGAGAGCGCCACAACAGATACTCAGCCATTGTAGCCAGTCCGGAACGTACTATGAGAGTGGGATCCAGACATCCAGCTGTGTAAGAAGCCACCAAGATGCGCCCCCA
361 TCAACAAATATTTGACCACAGCGGTAAATAACGAACGCCAATCCAGGTTGCGAGACGAGCTTCCAGCCTTGCGCAAAATAGTAAAAACCCCTGCCGTGGGCGAGATGTGAATGATC
481 AAACCAATATCAGATGAGCTCCTTTGACCAATCCAGAAATTTCTGCGTATTTAACCGGTAATTGCCCAATGACACATAGATATGTTGCAAAAAACAGCAAAAAACAGATTTC
601 ATCTATCTTTGTGCTGTGAAGTTAATAGTCACTTGCACTTGAGGTAAATCGCAAAATACCTTAGTGAGTAATGTTTGCCGTGCTGCGCAAGCTGTTAGAACACAGAAATATAATCA
721 TGCAGATTTCGCTGTGATATTAATCATTGTTGGCGCGGATCGCCAAATACCTTTACTGTAATGTTTTCGACACAGCCGTAAGAAGATCTTCTATGTTCCGCGATCGGCATTAA
Q D L R L I L I I V G A I A I I A L L V H G F W T S R K E R S S M F R D R P L K
841 AACGAATGAAGTCAAAACGTGACGACGATTCTTATGACGAGATGTCAAGATGATGAGGCGTTGAGGTTCTGTTACCCGCTGAATCATGCCCGGCTAACGCTCAGAGCATG
R M K S K R D D D S Y D E D V E D D E G V G E V R V H R V N H A P A N A Q E H E
961 AGGCTGCTCTGCTCGCGCGCAACAGTACCAACCGCTTATGCGTCTGCGCAGCGCGCTCAACCGTCCAGCAGCCGCTGAAGCGCAGGTACCGCGCAACATGCTCCGATCCAC
A A R P S P Q H Q Y Q P P Y A S A Q P R Q P V Q Q P P E A Q V P P Q H A P H P A
1081 CCGAGCCGCTGACGACGCTGCTATCAGCCGACGCTGACAGCCGTTGACAGCAGCAGTTGCGCACAGTCCGCGCAGCGCGGCTGTCATTGACGACCGCAACCGGCGACAAAC
Q P V Q Q P A Y Q P Q P E Q P L Q Q P V S P Q V A P A P Q P V H S A P Q P A Q Q
1201 AGGCTTTCAGGCTGACGACCGCTGAGCGGACACAGCCTGAGCCTGAGCGGAACCTGCTCAGTTATGATAAACGAGCGCAAGAACGGGTGATTAATGAACTGCGCGCGC
A F Q P A E P V A A P Q P E P V A E P A P V M D K P K R K E A V I I M N V A A H
BgII

FIG. 4A

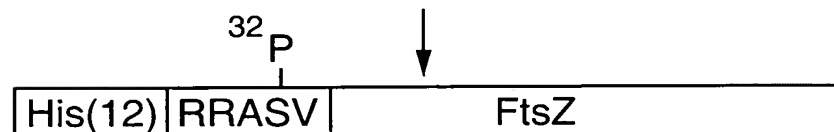
Interaction Cloning



+ Heart Muscle Kinase

+ [γ ³²-P]ATP

Gel Filtration



Far Western



Expression Library

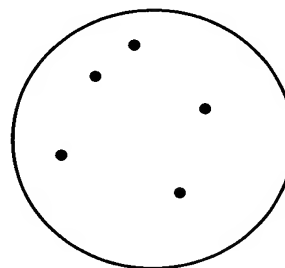


FIG. 6

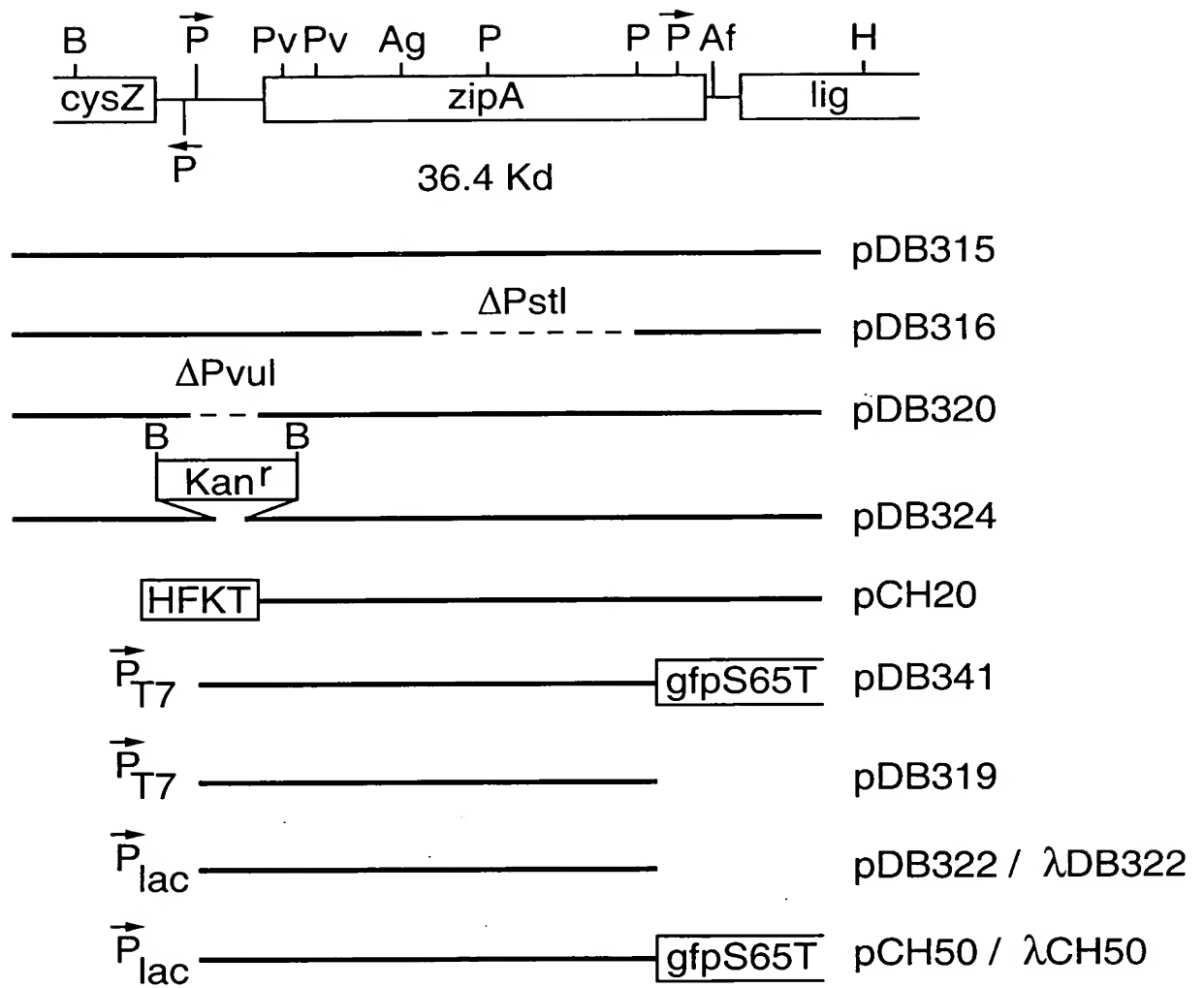


FIG. 7